

LIST OF ANOPLURA FROM TEXAS

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Sucking lice taken during Texas ectoparasite studies relative to typhus, plague and Q fever are specifically listed in this paper. Many of the species representing new host or locality records have been verified or identified by Dr. G. F. Ferris and are retained in the Texas State Department of Health collection.

Enderleinellus suturalis (Osborn). Two specimens ex *Citellus mexicanus*, April 10, 1950, Uvalde Co., coll. C. W. Johnson and O. L. Walker; 11 ex *C. spilosoma*, May 4, 1948, Gaines Co., coll. V. I. Miles.

Fahrenholzia zacatecae Ferris. Four specimens ex *Perognathus hispidus*, July 7, 1950, Zavala Co., coll. C. W. Johnson and O. L. Walker; 1 specimen ex *P. hispidus*, Sept. 23, 1947, Dawson Co., coll. Halyard; 1 specimen ex *P. hispidus*, June 9, 1948, Gaines Co., coll. V. I. Miles; 1 specimen ex *P. hispidus*, Aug. 10, 1949, Atascosa Co.

Fahrenholzia microcephala Ferris. Twelve specimens ex *Liomys irroratus*, April 17, 1949, Hidalgo Co., coll. R. B. Eads and G. C. Menzies.

Fahrenholzia pinnata Kellogg and Ferris. Two specimens ex *Dipodomys ordii*, March 15, 1949, Yoakum Co., coll. Everett; 1 ex *D. ordii*, April 14, 1949, Terry Co., coll. George; 1 ex *D. ordii*, Jan. 7, 1949, Yoakum Co., coll. George; 2 ex *D. ordii*, March 5, 1948, Dawson Co., coll. V. I. Miles; 1 ex *D. ordii*, April 20, 1946, Coehran Co., coll. Seogins; 1 ex *Onychomys leucogaster*, April 15, 1948, Gaines Co., coll. Carpenter.

Haematopinus suis adventicius (Neumann). Two specimens ex dog, April 23, 1943, Menard Co., coll. D. C. Thurman.

Haematopinus eurysternus (Nitzsch). Five specimens ex cow, Aug. 13, 1945, Jackson Co., coll. N. M. Randolph; 2 ex cow, Feb. 8, 1943, Travis Co., coll. R. B. Eads; 17 plus ex cow, May 8, 1950, Uvalde Co., Texas, coll. C. W. Johnson and O. L. Walker.

Hoplopleura hesperomydis (Osborn). One specimen ex *Peromyscus* sp., Dec. 7, 1948, Howard Co., coll. V. I. Miles; 1 ex *Onychomys leucogaster*, April 14, 1948, Gaines Co., coll. V. I. Miles; 1 ex *O. leucogaster*, Jan. 6, 1948, Terry Co., coll. V. I. Miles; 1 ex *Peromyscus*, sp., June 24, 1948, Presidio Co., coll. J. L. Reagan.

Hoplopleura hirsuta Ferris. Three specimens ex 3 *Sigmodon hispidus*, April 1950, Zavala Co., coll. C. W. Johnson and O. L. Walker; 4 ex 4 *S. hispidus*, May 1950, Zavala Co., coll. C. W. Johnson and O. L. Walker; 24 ex 10 *S. hispidus*, June, 1950, Zavala Co., coll. C. W. Johnson and O. L. Walker; 10 ex *S. hispidus*, July, 1950, Zavala Co., coll. C. W. Johnson and O. L. Walker; 96 ex 32 *S. hispidus*, Aug., 1950, Zavala Co., coll. C. W. Johnson and O. L. Walker; 4 ex *Tayassu angulatum*, Aug. 23, 1950, Zavala Co., coll. C. W. Johnson and O. L. Walker;

2 ex *Sylvilagus auduboni*, June 21, 1950, Zavala Co., coll. C. W. Johnson and O. L. Walker; 1 ex *S. hispidus*, July 2, 1950, Hutchinson Co., coll. R. B. Eads and B. G. Hightower; 14 ex *S. hispidus*, Oct. 10, 1947, Travis Co., coll. G. C. Menzies; 14 ex *S. hispidus*, Nov. 17, 1945, Lavaca Co., coll. E. L. Batte; 2 ex *S. hispidus*, Oct. 14, 1945, Lavaca Co., coll. E. L. Batte; 3 ex *S. hispidus*, Dec. 8, 1945, Lavaca Co., coll. L. J. Ogden; 25 ex *S. hispidus*, March 19, 1946, Lavaca Co., coll. R. B. Eads; 2 ex *S. hispidus*, April 18, 1946, Lavaca Co., coll. R. B. Eads; 25 ex *S. hispidus*, Oct. 10, 1947, Brazos Co., coll. R. B. Eads.

Hoplopleura oenomydis Ferris. Twenty-five plus ex *Rattus norvegicus*, Sept. 15, 1945, Galveston Co., coll. R. W. Strandtmann; 10 plus ex *Rattus* sp., Feb. 8, 1947, Tarrant Co., coll. B. G. Uzzel; 50 plus ex *R. norvegicus*, March 11, 1947, Harris Co., coll. Riley.

Hoplopleura sciuricola Ferris. One specimen ex *Sciurus niger*, Sept. 28, 1949, Coryell Co., coll. D. Eben.

Linognathus setosus (Olfers). Five plus specimens ex dog, Aug. 2, 1944, Dallas Co., coll. G. C. Menzies; 1 plus ex dog, Oct. 11, 1949, Dallas Co., coll. G. C. Menzies; 1 ex *Mus musculus*, Feb. 8, 1947, Lavaca Co., coll. G. Halyard.

Linognathus africanus Kellogg and Paine. One thousand plus specimens ex 75 goats Aug. 16, 1950, Zavala Co., coll. B. G. Hightower.

Neohaematopinus sp. (near *citellinus* Ferris). Two specimens ex *Citellus spilosoma*, April 22, 1948, Dawson Co., coll. George; 2 ex *C. spilosoma*, May 4, 1948, Dawson Co., coll. George; 4 ex *C. spilosoma*, May 8, 1948, Dawson Co., coll. George; 1 ex *C. spilosoma*, April 26, 1949, Dawson Co., coll. George; 2 ex *C. spilosoma*, April 23, 1948, Gaines Co., coll. V. I. Miles; 1 ex *C. spilosoma*, May 28, 1948, Gaines Co., coll. Carpenter; 1 ex *C. spilosoma*, May 4, 1948, Gaines Co., coll. Williams; 3 ex *C. spilosoma*, May 7, 1948, Gaines Co., coll. Carpenter; 11 ex *C. spilosoma*, May 17, 1948, Gaines Co., coll. George; 1 ex *C. spilosoma*, June 3, 1948, Gaines Co., coll. George; 10 ex *C. spilosoma*, Sept. 8, 1947, Dawson Co., coll. Williams; 20 ex *Cynomys ludovicianus*, June 12, 1947, Terry Co., coll. G. C. Menzies and R. W. Strandtmann.

Neohaematopinus laeviusculus (Grube). One specimen ex *Citellus variegatus*, June 30, 1949, Terrell Co., coll. B. G. Hightower.

Neohaematopinus marmotae Ferris. One specimen ex *Citellus spilosoma*, June 16, 1948, Gaines Co., coll. Carpenter; 5 ex *Cynomys ludovicianus*, April 22, 1948, Dawson Co., coll. George; 9 ex *C. ludovicianus*, March 8, 1948, Dawson Co., coll. V. I. Miles.

Neohaematopinus neotomae Ferris. Six specimens ex *Neotoma micropus*, April 6, 1948, Gaines Co., coll. Carpenter; 2 ex *N. micropus*, April 13, 1948, Gaines Co., coll. George; 1 ex *N. micropus*, Jan. 20, 1949, Gaines Co., coll. Everett; 3 ex *N. micropus*, April 2, 1948, Dawson Co., coll. Carpenter; 3 ex *N. micropus*, April 6, 1948, Dawson Co., coll. Williams; 4 ex *N. micropus*, April 14, 1948, Dawson Co., coll. Williams; 3 ex 2 *N. micropus*, May 21, 1948, Dawson Co., coll. Williams; 4 ex 2 *N. micropus*, Feb. 10, 1948, Dawson Co., coll. Carpenter; 30 ex 6 *N.*

micropus, Feb. 19, 1948, Dawson Co., coll. Carpenter; 86 ex 7 *N. micropus*, Feb. 27, 1948, Dawson Co., coll. Carpenter; 13 ex 10 *N. micropus*, March 2, 1948, Dawson Co., coll. Carpenter; 39 ex 3 *N. micropus*, April 1, 1948, Dawson Co., coll. Williams; 2 ex 2 *N. micropus*, April 20, 1948, Cochran Co., coll. Williams; 5 ex *N. micropus*, April 28, Cochran Co., coll. Williams; 1 ex *N. micropus*, Dec. 28, 1948, Yoakum Co., coll. George; 1 ex *N. micropus*, Feb. 1, 1949, Dawson Co., coll. George; 1 ex *N. micropus*, Dec. 2, 1948, Garza Co., coll. Everett; 1 ex *N. micropus*, April 19, 1949, Midland Co., coll. Johnson.

Neohaematopinus sciurinus (Mjoberg). Eighteen specimens ex *Sciurus niger*, June 24, 1949, Terrell Co., coll. B. G. Hightower; 12 ex *S. niger*, Dec. 15, 1945, Lavaca Co., coll. G. Halyard; 14 ex *S. niger*, Oct. 10, 1947, Brazos Co., coll. R. B. Eads.

Pecaroecus javalli Babeck and Ewing. Twenty-five specimens ex *Tayassu angulatum*, June 15, 1949, Terrell Co., coll. B. G. Hightower.

Pediculus humanus Linnaeus. This cosmopolitan parasite of man is common in the state; the head louse is particularly prevalent in the lower Rio Grande Valley. Selected records are: 10 plus ex man, May 5, 1943, Travis Co., coll. D. C. Thurman; 100 plus ex school children, Feb., 1946, Hidalgo Co., coll. F. A. Cowan, T. McGregor and N. M. Randolph; 4 ex man, May 3, 1945, Harris Co., coll. J. C. Manteris.

Phthirus pubis (Linnaeus). Selected records are: 1 ex man, Nov. 6, 1942, McLennan Co., coll. A. R. Hopkins; 5 ex man, April 30, 1950, Eastland Co., coll. J. C. Manteris; 100 plus ex man, June 13, 1943, Nueces Co., coll. R. B. Eads; 15 ex man, Sept. 4, 1944, Travis Co., coll. D. C. Thurman.

Polyplax auricularis Kellogg and Ferris. Three specimens ex *Onychomys leucogaster*, April 23, 1948, Gaines Co., coll. V. I. Miles; 1 ex *O. leucogaster*, April 21, 1948, Cochran Co., coll. Williams; 2 ex *O. leucogaster*, Jan. 1, 1948, Terry Co., coll. Williams; 1 ex *O. leucogaster*, Jan. 6, 1948, Terry Co., coll. V. I. Miles.

Polyplax serrata (Burmeister). One specimen ex *Mus musculus*, Jan. 30, 1947, Travis Co., coll. G. C. Menzies.

Polyplax spinulosa (Burmeister). Very common in the state. Selected records are: 6 ex *Rattus rattus*, Feb. 12, 1945, Travis Co., coll. N. M. Randolph; 40 ex *R. rattus*, Feb. 5, 1946, Lavaca Co., coll. G. Halyard; 4 ex *R. norvegicus*, Nov. 15, 1946, Cochran Co., coll. T. S. Scoggins; 7 ex *R. norvegicus*, Feb. 4, 1947, Yoakum Co., coll. T. S. Scoggins; 2 ex *R. norvegicus*, Feb. 27, 1947, Terry Co., coll. T. S. Scoggins; 3 ex *R. norvegicus*, Feb. 27, 1947, Gaines Co., coll. T. S. Scoggins; 1 ex *R. norvegicus*, March 12, 1947, Hockley Co., coll. Donica; 3 ex *R. norvegicus*, June 25, 1947, Lamb Co., coll. Donica.